

ABSTRACT OF THE DISCLOSURE

A multi-step transmission comprises an input and output shaft arranged in a housing, three spider supported planetary gear sets, seven rotatable shafts; six switch elements; input occurs via a shaft, in connection with the planet carrier of the first planetary gear set, output occurs via a shaft, in connection with the planet carrier of the second planetary gear set and the planet carrier of the third planetary gear set; a shaft is in connection with the sun gear of the first planetary gear set; a shaft is in connection with the ring gear of the second planetary gear set and the ring gear of the third planetary gear set; a shaft is in connection with the sun gear of the third planetary gear set; a shaft is in connection with the ring gear of the first planetary gear set; a shaft is connected to the sun gear of the second planetary gear set.